

REVISION DATE: 12/1/2013



MATERIAL DATA SAFETY SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

SECTION I – PRODUCT IDENTIFICATION

Product Name: Wiping Solution

Chemical Name: N/A
Synonyms: Wiping Solution
Trade Name: Wiping Solution
Product use: Fingernails coating only
Distributor's Name: CHRISTRIO

Distributor's Address: 2420 Railroad; Corona, CA. 92880

Information Contact: 1 951 808 4730

Emergency Phone: Canada & US (800) 535-5053 International: 1-352-323-3500

EU Address: 167-171 Willoughby Lane; Tottenham, London N17 OSB; UK

SECTION II - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information may be based on finding related or similar materials

- May cause skin irritation
- Flammable liquid and vapor
- May cause eye irritation
- Avoid prolonged or repeated breathing of gases, vapors, or mists

Potential Health Effects, Signs, and Symptoms of Exposure:

Primary Route of Entry Inhalation, skin, or eyes.

Eye No specific information available. Liquid contact with eyes can cause irritation and

possible corneal damage.

Skin No specific information available. Contains materials that may cause moderate skin

injury (reddening and swelling) and/or sensitization. Since irritation may not occur

immediately, contact can go unnoticed.

Ingestion No specific information available. Contains materials that may cause gastrointestinal

irritation with nausea, vomiting and diarrhea. If appreciable quantities are swallowed

seek medical attention immediately.

Inhalation No specific information available. Aerosol can be irritating.

Sub-Chronic Effects No specific information available.

NOTE: Refer to Section XI, Toxicological Information for Details

SECTION III - COMPOSITION/INFORMSTION

Chemical Identity	CAS#	EINEC#	INCI Name	Exposure OSHA	LIMITS ACGIH	Carcinogen	%
				TWA/STEL	TWA/STEL		
Isopropyl Alcohol	67-63-0	200-661-7	Propan-2-ol	N/E	N /E	Not Listed	95-100

See Section XVI for Risk and Safety Phrase

N/E – None Established N/DA – No Data Available N/R – Not Review N/A – Not Applicable

SECTION IV - FIRST AID MEASURES

First Aid for Eye Rinse opened eye for several minutes under running water. If symptoms persists,

consult a doctor.

First Aid for Skin Immediately wash with water and soap and rinse thoroughly.

First Aid for Inhalation Supply fresh air. If required, provide artificial required provide artificial respiration.

 $\label{thm:consult} \textbf{Keep patient warm. Consult doctor if symptoms persists. In case of unconsciousness}$

place patient stably in side position for transportation.

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	Flash Point	Flammable Limit	Auto-Ignition Temperature
	(°F/°C)	(vol %)	(vol %)
	54 °F/12°C	Lower 2 Vol%, Upper 12 Vol%	797°F/425°C

Method:

Extinguishing Media: CO2, extinguishing powder or water spray.

Fire Fighting Instructions: Fight larger fires with water spray or alcohol resistant foam.

Unusual Hazards: Flammable. When exposed to heat and flame, material is a fire explosion hazard.





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Spill or Release Procedures

Wear protective equipment. Keep unprotected persons away. Dilute with pleanty of water. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) Dispose contaminated material as waste according to section 13. Ensure adequate ventilation. DO NOT flush to sewer. Remove any contaminated clothing and wash thoroughly before reuse. US Regulations (CERCLA) require reporting spill and release to soil, water and air in access of reportable quantities. The toll free number for the US Coast Guard Nation Response Center is (800) 424-8802. EU Regulations require the consultation of Detective 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washing from entering of waterways.

Handling

Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential. Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/ exhaustion at the workplace. Information about protection against explosions and fires. Keep ignition sources away - do not smoke near containers. Protect against electrostatic charges.

Storage

Requirement to be met by storerooms and receptacles: No special requirements. Information about storage in one common storage facility: Not required. Further information about storage conditions: Keep receptacle tightly sealed.

Explosion Hazard

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Local exhaust recommended control exposure, which may result from operations generating aerosols and hot operations generating vapors.

Personal Protective Equipment

General Components with limit values that require monitoring at the workplace:

PEL 980mg/m³, 400ppm

REL Short-term Value: 1225mg/m³, 500ppm Long-term value: 980mg/m³, 400ppm TLV Short-term Value: 984mg/m³, 400ppm Long-term Value: 492mg/m³, 200ppm

Eye/Face Protection

Tightly sealed goggles.

Protective gloves. The glove material as to be impermeable and resistant to the Skin Protection

product/ the substance/ the preparation/ the chemical mixture. Selection of the glove

material on consideration of the penetration times, rates of diffusion and the

degradation.

Respiratory Protection In case of brief exposure or low pollution use respiratory filter device. In case of

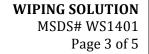
intensive or longer exposure use respiratory protective device that is independent of

circulating air.

Appearance	Odor & Odor Theshold	рН	Specific Gravity	Viscosity	% Volatile
Transperant blue liquid	Alcohol-like	N/A	(H2O=1): 1.14	N/DA	By Volume:<.5

Boiling	Decomposition	Octanol/Water	Vapor	Vapor	Evaporation	Ignition	Solution
Point/	Temperature	Partitioning	Pressure	Density	Rate		In Water
Feezing		Coefflicient					
Point							
N/A	N/A	N/A	(32mm Hg) @ 20°	@ 20°C:	N/D	N/D	Soluble
32°C/ 180°F			C: 43hPa	0.785g/cm ³			

Flash point (°F/°C)	Flammable Limit (Vol %)	Auto-ignition Temperature (Vol %)
54 °F/12°C	Lower 2 Vol%, Upper 12 Vol%	797°F/425°C





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SECTION X - STABILITY AND REACTIVITY

Stability:	Incompatibility (Materials to Avoid):
Stable under normal ambient condition when	No dangerous reactions known.
stored properly.	
Hazardous Decomposition Products:	Hazardous Polymerization:
Carbon monoxide and carbon dioxide	No decomposition if used according to specifications

Conditions to Avoid:

No decomposition if used according to specifications

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Oral	Acute Dermal	Acute Inhalation	Irritation - Skin	Irritation -Eye
Toxicity	Toxicity	Toxicity		
LD50 5045mg/kg	LD50 2800 mg/kg	LC50/4 h 30mg/l (rat)	Irritant to skin and	Irritating effect
(rat)	(rabbit)		mucous membranes	

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/DA	N/DA	N/DA

SECTION XII - Ecological Information

Ecotoxicological Information

Acute Toxicity	Acute Toxicity	Acute Toxicity	Bioconcentration	Toxicity to
To Fish	To Ivertebrates	To Algea		Sewage Bacterials
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

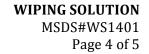
To the best of our knowledge, the ecotoxicological and chemical fate properties have not been investigated. DO NOT allow to entering drinking water supplies, wastewater, or soil.

Recommended: Must not be disposed of together with house hold garbage. Do not allow product to reach sewage system.

Uncleansed packaging: Recommendation: Disposal must be made according to official regulations. Recommended cleansing agent: Water, if necessary with cleansing agents.

SECTION XIV - TRANSPORT INFORMATION

DOT (49 CFR 172) (GND)	
Proper Shipping Name	UN1219, Isopropanol (Isopropyl Alcohol), 3, PGII
Identification	UN1219
Marine Pollutant	No
Special Provisions	None
Emergency Response Guidebook (ERG) #	N/A
IATA (DGR) (AIR)	
Proper Shipping Name	UN1219, Isopropanol (Isopropyl Alcohol), 3, PGII
Class or Division	3
UN or ID Number	UN1219
Packing Instructions	None
Emergency Response Guidance(ICAO)#	N/A
IMO (IMDG)	
Proper Shipping Name	UN1219, Isopropanol (Isopropyl Alcohol), 3, PGII
Class or Division	3
UN or ID Number	UN1219
Special Provision & Stowage/Segregation	None
Emergency Schedule (EmS)#	N/A
Other Information	Flash point 54°F/12°C





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SECTION XV - REGULATORY INFORMATION

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Clean Air Ast. HAD (ODC	This product contains the following haravdous air pollutants (HAD) as defined by the HC
Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by th U.S. Clean Air Act:

	14/1011
	This product contains no ODS's
Clean Water Act: Priority Pollutant	This product no chemical listed under the U.S. Clean Water Act Priority Pollutant List.
FDA: Food Packing Status	This product has not been cleared by the FDA for use in food packaging and/or other
	application as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard
	Communication Satandard. Its hazards are:
	• N/DA
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous
	substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains the no chemicals regulated under Section 304 as extremely
	dangerous chemical for emergency release notification ("CERCLA" List).
SARA Title III: Section 311-312	This product is considered hazardous under OSHA Hazard Communication
	Standard and is regulated under Section 311-312 (40 CFR 370). Its hazard are:
	N/DA
	▼ N/DA
SARA Title III: Section 313	This product contains no chemicals which are subject to the reporting
	requirements of Section 313 of Title III of the superfund Amendments and
	Reauthoruzation Act of 1986 and 40 CFR Part 372.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise
	complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule	Substance is listed
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State Regulation

CA Right-to-Know Law	None
California No Significant risk Rule	None
MA Right-to-Know Law	This product contains no chemicals on the MA Substance List.
NJ Right-to-Know	This product contains the following hazardous component subject to
	disclosure under NJ Right-to-Know legislation: NONE
PA Right-to-Know Law	This product contains the following hazardous component subject to
	disclosure under PA Right-to-Know legislation: NONE
FL Right-to-Know Law	This product contains the following hazardous component subject to
	disclosure under FL Right-to-Know legislation: NONE
MN Right-to-Know Law	This product contains the following hazardous component subject to
	disclosure under MN Right-to-Know legislation: NONE

International Regulations

_	international Regulations		
	CDSL: Canadian Inventory	N/DA	
	(on Canadian Transitional List)		

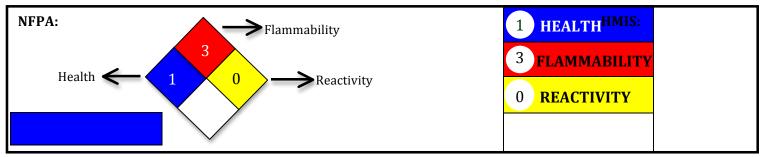
Labeling according to directive - 1999/4/EC



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SECTION XVI - OTHER INFORMATION

Hazard Rating system (Pictograms)



N/E - Not Establish N/R - No Review N/DA - No Data Available N/A - Not Applicable OSHA PEL for nuisance dust 15mg/m3 (total dust) 5mg/m3 (Respirable dust) ACGIH PEL for nuisance dust 10mg/m3

Prepared By:	CHRISTRIO
Update Composition	Dec. 1 st ,2013

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